

Converting Colors

XYZ(26.0957, 21.7556, 51.2122)

Have a look what the booklet for
XYZ(26.0957, 21.7556, 51.2122)
contains.

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Color

**XYZ(26.0278, 21.8000,
50.9801)**

Conversions

Conversions Part 1

Format	Color
Hex	8A75BD
RGB	138, 117, 189
RGB Percent	54%, 46%, 74%
CMY	0.4588, 0.5412, 0.2588
CMYK	0.27, 0.38, 0.00, 0.26
HSL	257°, 35%, 60%
HSV	257°, 38%, 74%
XYZ	26.0278, 21.8000, 50.9801
YIQ	131.4870, -10.5960, 26.8440

Conversions

Conversions Part 2

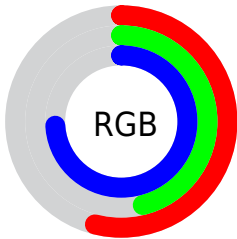
Format	Color
R _Y B	138, 117, 189
Decimal	9074109
CIE _{Lab}	53.81, 23.77, -34.93
CIE _{LCh}	54, 42.251, 304.231
Yxy	21.8000, 0.2634, 0.2206
Android (android.graphics.Color)	4287264189 (0xFF8A75BD)
YUV	131.4870, 28.3539, 5.7119
Hunter-Lab	46.6905, 17.7973, -32.0539

Details

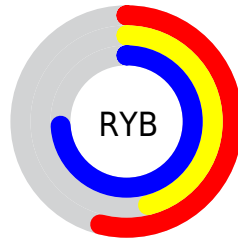
The XYZ color **26.0278, 21.8000, 50.9801** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **37.5575, 46.0049, 23.7308**, and the grayscale version is **21.6526, 22.7802, 24.8076**.

A 20% lighter version of the original color is **52.8148, 46.3672, 93.3549**, and **10.2780, 7.8619, 23.8975** is the 20% darker color. If you saturate the color by 10%, you get **21.9640, 16.7598, 50.2218**, and if you desaturate by 10%, it is **30.8108, 27.8718, 51.9004**.

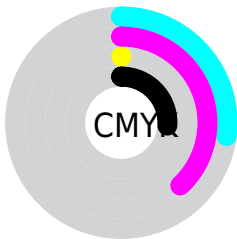
Distribution



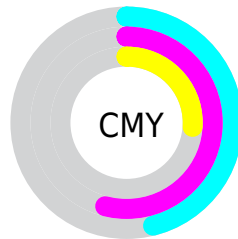
- Red (54%)
- Green (46%)
- Blue (74%)



- Red (54%)
- Yellow (46%)
- Blue (74%)



- Cyan (27%)
- Magenta (38%)
- Yellow (0%)
- Black (26%)



- Cyan (46%)
- Magenta (54%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0278, 21.8000, 50.9801 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.0278, 21.8000, 50.9801 by changing the saturation by 10% instead.

■ 26.0278, 21.8000,
50.9801

■ 26.0278, 21.8000,
50.9801

275.1727,
261.5000, 407.3308

■ 16.9772, 13.7100,
35.8162

■ 52.7508, 46.4152,
93.0366

■ 10.3135, 7.9193,
24.0037

■ 71.1539, 63.7092,
120.7661

■ 5.6711, 4.0433,
15.1241

■ 93.4052, 84.8401,
153.5214

■ 2.6849, 1.6978,
8.7590

119.8701,
110.1921, 191.7208

■ 0.9894, 0.4223,
4.4896

150.9140,
140.1497, 235.7829

■ 0.0000, 0.0000,
1.8976

186.9021,

■ 0.0000, 0.0000,

175.0973, 286.1262

0.4912

228.1999,
215.4193, 343.1693

■ 0.0000, 0.0000,
0.0000

■ 26.0278, 21.8000,
50.9801

■ 26.0278, 21.8000,
50.9801

■ 21.9640, 16.7598,
50.2218

■ 30.8108, 27.8718,
51.9004

■ 18.5801, 12.6897,
49.6145

■ 36.3447, 35.0268,
52.9897

■ 15.8368, 9.5254,
49.1484

■ 42.6621, 43.3161,
54.2568

■ 13.6890, 7.1938,
48.8115

■ 49.7928, 52.7870,
55.7090

■ 12.0852, 5.6094,
48.5902

■ 57.7651, 63.4837,
57.3535

■ 10.9507, 4.6422,
48.4634

■ 66.6061, 75.4485,
59.1970

■ 10.7678, 4.4899,
48.4436

■ 76.3412, 88.7214,
61.2458

■ 82.6374, 94.6251,
62.0535

■ 86.1854, 96.4542,
62.2195

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



21.3708, 21.8000, 58.4084



26.0278, 21.8000, 50.9801



29.6157, 21.8000, 36.3461

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.0278, 21.8000, 50.9801



24.7510, 21.8000, 7.5924



13.1781, 21.8000, 25.6286

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.0278, 21.8000, 50.9801



37.5575, 46.0049, 23.7308

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



13.8124, 21.8000, 14.4436



26.0278, 21.8000, 50.9801



20.0830, 21.8000, 6.5169

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.0278, 21.8000, 50.9801



28.8063, 21.8000, 12.2694



16.1882, 21.8000, 8.4879



14.3096, 21.8000, 40.7562

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.0278, 21.8000, 50.9801



30.6733, 21.8000, 26.3389



16.1882, 21.8000, 8.4879



13.1933, 21.8000, 21.3114

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.0286, 21.8009, 50.9806



72.7673, 72.7813, 96.4392



30.6358, 35.6841, 53.4175



15.3140, 15.2119, 20.6716



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.0286, 21.8009, 50.9806



40.2527, 31.1382, 90.1149



32.8694, 25.3274, 51.3008



9.2710, 9.3566, 11.9896



7.3119, 3.0555, 32.5973



0.3538, 0.1544, 1.2800

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.4161, 26.3694, 40.3223



57.7419, 40.6824, 67.0675



31.0190, 42.6341, 23.4248



9.8081, 9.6475, 11.3786



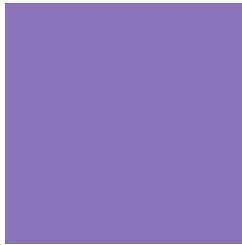
17.0442, 8.4488, 16.0581



0.6948, 0.3418, 0.7721

Previews

White Background



This preview shows how the XYZ color 26.0278, 21.8000, 50.9801 looks on a white background.

Color Contrast Check

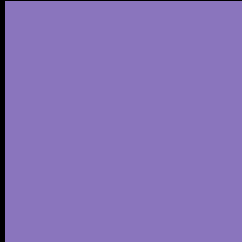
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.0278, 21.8000, 50.9801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

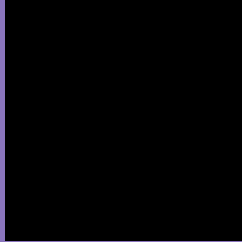
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0278, 21.8000, 50.9801

Background



This preview shows how black text looks on a background with the XYZ color 26.0278, 21.8000, 50.9801.



This preview shows how white text looks on a background with the XYZ color 26.0278, 21.8000,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.0278, 21.8000, 50.9801

Protanopia

23.2478, 21.8960, 55.8244

Deuteranopia

22.5145, 22.0295, 50.0792



Tritanopia

21.2087, 21.8625, 27.1468

Trichromacy



Original Color

26.0278, 21.8000, 50.9801

Protanomaly

24.0230, 21.7740, 53.9756

Deuteranomaly

23.6209, 21.8281, 50.5452

Tritanomaly

22.8092, 21.7552, 34.8953

Monochromacy



Original Color

26.0278, 21.8000, 50.9801

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.9599, 22.2570, 32.7917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0278, 21.8000, 50.9801 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(138, 117, 189)` looks like.

```
.text, #text, p{  
    color:rgb(138, 117, 189)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(138, 117, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 117, 189) }
```

Border

The CSS property to change the border of an element to XYZ 26.0278, 21.8000, 50.9801 is called "border". The border property can be set on classes, ids or directly on the HTML element.

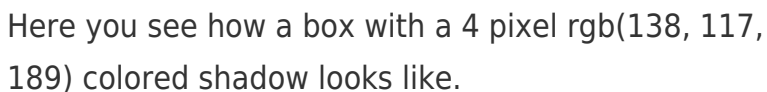
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 117, 189) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(138, 117, 189) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(138, 117, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 117, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 117, 189); box-shadow:4px 4px 4px 4px rgb(138, 117, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0278, 21.8000, 50.9801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 117, 189) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(138,  
117, 189) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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